



MACHAKOS UNIVERSITY

University Examinations for 2018/2019

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCE MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

**THIRD YEAR SUPPLEMENTARY EXAMINATION FOR
BACHELOR OF ENVIRONMENTAL STUDIES & COMMUNITY DEVELOPMENT
BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)**

ESU 303 PROJECT PLANNING AND MANAGEMENT

DATE: 25/9/2019

TIME: 2:00 – 4:00 PM

INSTRUCTIONS: Answer question ONE and any other TWO questions

QUESTION ONE (COMPULSORY)(30 MARKS)

- a) Define the following terms:
 - i) Project (2 marks)
 - ii) Project cycle (2 marks)
 - iii) Program (2 marks)
 - iv) Stakeholder analysis (2 marks)
 - v) Problem analysis (2 marks)
- b) Explain the dimensions of a project (10 marks)
- c) Explain the sources of project ideas (10 marks)

QUESTION TWO (20 MARKS)

Explain the differences in management approaches between a project and programme.

QUESTION THREE (20 MARKS)

Discuss the benefits of the following approaches to managing an environmental project in Machakos

- a) Top down approach (10 marks)
- b) Bottom up approach

QUESTION FOUR (20 MARKS)

Explain the phases in the project life cycle of a dam construction project

QUESTION FIVE (20 MARKS)

Outline the steps involved in carrying out a situational analysis for an agricultural project in your county.